

STERLING C. ROBERTSON DAM AND LAKE LIMESTONE

OWNER

Brazos River Authority

ENGINEER

URS/Forrest and Cotton, Inc.

LOCATION

7 miles north, northwest by west of Marquez

DRAINAGE AREA

674 square miles

DAM

Type	Zoned earth embankment
Length	8,500 feet including service spillway
Maximum height	65 feet
Top width	20 feet
Top elevation	380.0 feet msl

SPILLWAY-SERVICE

Type	Gated controlled concrete ogee
Gate size	5 - 40 feet x 28 feet tainter
Net crest length	200 feet
Gross crest length	232 feet
Top of gates	365.0 feet msl

SPILLWAY-EMERGENCY

Type	Unpaved broadcrested
Length	3,000 feet

OUTLET

Type	Concrete sluice
Size	4 feet x 6 feet
Elevation	320.0 feet msl
Location	Part of service spillway

RESERVOIR DATA

Feature	Elevation (ft. above msl)	Capacity (acre-feet)	Area (acres)
Top of dam	380.0	557,878	26,551
Max. water surface	376.0	458,603	23,200
Emergency spillway	370.0	333,048	18,709
Spillway	369.6	325,670	18,505
Normal water surface	363.0	217,494	14,200
Service	337.0	20,616	2,840
Streambed	315.0	0	0

Information from: Application drawings prepared by URS/Forrest and Cotton, Inc. and held by Texas Water Rights Commission.

